

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	11	display channel map	US-PGPUB; USPAT	ADJ	ON	2007/09/10 10:20
L3	4049643	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/09/10 10:20
L4	6	L3 and I2	US-PGPUB; USPAT	ADJ	ON	2007/09/10 10:20
L6	647	348/731.ccls. and I3	US-PGPUB; USPAT	ADJ	ON	2007/09/10 11:55
L7	0	725/107.ccls and I3	US-PGPUB; USPAT	ADJ	ON	2007/09/10 11:56
L8	55	348/193.ccls. and I3	US-PGPUB; USPAT	ADJ	ON	2007/09/10 11:58
L10	1245	375/354.ccls. and I3	US-PGPUB; USPAT	ADJ	ON	2007/09/10 12:00
S1	4048686	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/08/27 09:45
S2	6853168	@pd<"20011127"	US-PGPUB; USPAT	ADJ	ON	2007/08/27 09:46
S4	1528	725/38,56,59,151,152.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/27 10:15
S5	826	S4 and S1	US-PGPUB; USPAT	ADJ	ON	2007/08/27 10:55
S6	2	(("6137546") or ("20020097344")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/27 10:21
S7	1	("2002/0097344").URPN.	USPAT	ADJ	ON	2007/08/27 10:45
S8	5351	digital and channel with scan	USPAT	ADJ	ON	2007/08/27 10:46
S9	4916	S1 and S8	USPAT	ADJ	ON	2007/08/27 10:47
S10	1493	S1 and S8 and broadcast	USPAT	ADJ	ON	2007/08/27 10:48
S11	145765	tv or television	USPAT	ADJ	ON	2007/08/27 10:48
S12	820	S10 and S11	USPAT	ADJ	ON	2007/08/27 10:49
S15	18	(hoda near2 isao or akiyama near2 hitoshi or nagata near2 tatsuo).in.	USPAT	ADJ	ON	2007/08/27 10:52
S16	820	S12 not S15	USPAT	ADJ	ON	2007/08/27 10:52

## EAST Search History

S17	37	("4130804"   "4377849"   "4860380"   "4888819"   "5051938"   "5111413"   "5182646"   "5257106"   "5297053"   "5301318"   "5418728"   "5426591"   "5461427"   "5487018"   "5491640"   "5541849"   "5544066"   "5553002"   "5555201"   "5572436"   "5598228"   "5598344"   "5610833"   "5661526"   "5982411"   "T938005"   "T940020").PN. OR ("6137546").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/27 14:02
S18	791	S12 not S5	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/27 14:03
S19	790	S12 not (S5 or S17)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:42
S20	1209	channel map	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:42
S21	3115	channel near2 map	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 09:42
S22	4049107	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/08/28 09:43
S23	5358	digital and channel with scan	USPAT	ADJ	ON	2007/08/28 09:43
S24	79	S21 and S22 and S23 and broadcast	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 10:20
S25	3	PCT/US97/00739	USPAT; DERWENT	ADJ	ON	2007/08/28 10:20
S26	19	("4737993"   "4870492"   "5359601"   "5414756"   "5557422"   "5568179"   "5594938"   "5600378"   "5631707").PN. OR ("6252634").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 10:25
S27	278	348/732.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/28 11:43
S28	223	348/732.ccls. and S22	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:55
S29	1532	725/38,56,59,151,152.ccls.	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:01
S30	830	S29 and S22	US-PGPUB; USPAT	ADJ	ON	2007/08/28 12:08
S31	1495	S22 and S23 and broadcast	USPAT	ADJ	ON	2007/08/28 12:08
S32	145948	tv or television	USPAT	ADJ	ON	2007/08/28 12:08

## EAST Search History

S33	821	S31 and S32	USPAT	ADJ	ON	2007/08/28 12:08
S34	37	("4130804"   "4377849"   "4860380"   "4888819"   "5051938"   "5111413"   "5182646"   "5257106"   "5297053"   "5301318"   "5418728"   "5426591"   "5461427"   "5487018"   "5491640"   "5541849"   "5544066"   "5553002"   "5555201"   "5572436"   "5598228"   "5598344"   "5610833"   "5661526"   "5982411"   "T938005"   "T940020").PN. OR ("6137546").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 12:08
S35	791	S33 not (S30 or S34)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/28 12:08
S36	854	(S30 or S35 or S24 or S25 or S26) and error	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:36
S37	53	autoprogram	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:37
S38	109	autoprogram\$4	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:37
S39	81	autoprogram\$4 and channel	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:37
S40	66	S39 and S22	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:38
S41	32	S40 and digital	US-PGPUB; USPAT	ADJ	ON	2007/08/28 14:39
S42	221	725/38.ccls. and S22	US-PGPUB; USPAT	ADJ	ON	2007/08/28 15:01
S43	14	S42 and S28	US-PGPUB; USPAT	ADJ	ON	2007/08/28 19:12
S45	31	S28 and receivable	US-PGPUB; USPAT	ADJ	ON	2007/08/29 09:40
S46	4049107	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/08/29 09:40
S47	223	348/732.ccls. and S46	US-PGPUB; USPAT	ADJ	ON	2007/08/29 09:40
S48	192	S47 not receivable	US-PGPUB; USPAT	ADJ	ON	2007/08/29 09:41
S49	76	S47 and store same channel not receivable	US-PGPUB; USPAT	ADJ	ON	2007/08/29 09:42
S50	65	S47 and store with channel not receivable	US-PGPUB; USPAT	ADJ	ON	2007/08/29 10:24
S51	1	("7092044").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/29 10:25

## EAST Search History

S52	1025	inui.in.	US-PGPUB; USPAT	ADJ	ON	2007/08/29 10:25
S53	37	(inui near2 yasuhiro).in.	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:29
S54	467	unstable signal	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:29
S55	2325	unstable near2 signal	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:29
S57	83	unstable near2 signal and broadcast and channel	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:33
S58	303	unstable with signal and broadcast and channel	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:33
S59	210	unstable with signal and broadcast and channel and S46	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:40
S60	157	unstable with signal and broadcast and channel and S46 and digital	US-PGPUB; USPAT	ADJ	ON	2007/08/29 12:44
S61	161	unstable with (broadcast or signal) and broadcast and channel and S46 and digital	US-PGPUB; USPAT	ADJ	ON	2007/08/30 14:48
S62	38	("4935814"   "5287115"   "5289178"   "5371550"   "5436675"   "5483690"   "5574509"   "5603107"   "5749046").PN. OR ("5966186").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 14:34
S63	4	("5574509"   "5966186"   "6389070"   "6985190").PN. OR ("7215382").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/29 14:46
S64	66	epg and signal strength	US-PGPUB; USPAT	ADJ	ON	2007/08/30 14:47
S65	6853168	@pd<"20011127"	US-PGPUB; USPAT	ADJ	ON	2007/08/30 14:48
S66	68	unstable with (broadcast or signal) and broadcast and channel and S65 and digital	US-PGPUB; USPAT	ADJ	ON	2007/08/30 14:52
S69	4049126	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/08/30 14:50
S71	22790403	@pd<"20011127"	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 14:51
S74	1	unstable with (broadcast or signal) and broadcast and channel and digital	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 14:53

## EAST Search History

S75	4634	receiver and (unstable (signal or broadcast) or signal strength)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 14:54
S76	1244	receiver and (unstable (signal or broadcast) or signal strength) and (broadcast or tv or television)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 14:54
S77	1118	S76 and S71	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 14:57
S78	261	S76 and S71 not radio	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 15:20
S79	5	("2348330").PN.	FPRS; EPO; DERWENT	OR	OFF	2007/08/30 15:06
S80	15	("4214273"   "4410913"   "4605968"   "5283653"   "5422681"   "5436675"   "5574509"   "5940028"   "5966186"   "5983071"   "6216266"   "6314565"   "6389070").PN. OR ("6985190").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/30 15:13
S81	2	("6985190").URPN.	USPAT	ADJ	ON	2007/08/30 15:13
S82	3897	threshold and error with correct\$3	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/08/30 19:15
S83	48931	threshold and error with correct\$3	US-PGPUB; USPAT	ADJ	ON	2007/09/04 09:18
S84	4049126	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/08/30 19:15
S85	5358	digital and channel with scan	USPAT	ADJ	ON	2007/08/30 19:15
S86	311	S83 and S84 and S85 and broadcast	US-PGPUB; USPAT	ADJ	ON	2007/08/30 19:15
S87	6638	threshold same error with correct\$3	US-PGPUB; USPAT	ADJ	ON	2007/09/04 09:18
S88	4049625	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/09/04 09:19

## EAST Search History

S90	34	threshold same bit error with correct\$3 and broadcast and S88	US-PGPUB; USPAT	ADJ	ON	2007/09/04 09:37
S91	475	threshold same bit error and broadcast and S88	US-PGPUB; USPAT	ADJ	ON	2007/09/04 09:37
S92	118	segment synchronization signal	US-PGPUB; USPAT	ADJ	ON	2007/09/04 10:22
S93	53	segment synchronization signal and S88	US-PGPUB; USPAT	ADJ	ON	2007/09/04 10:47
S94	19766	synchronization signal and S88	US-PGPUB; USPAT	ADJ	ON	2007/09/04 10:48
S95	91	digital and broadcast and synchronization signal with extract and S88	US-PGPUB; USPAT	ADJ	ON	2007/09/04 10:50
S96	1	digital and broadcast and synchronization signal with receivable and S88	US-PGPUB; USPAT	ADJ	ON	2007/09/04 10:52
S97	16	digital and broadcast and synchroniz\$5 with receivable and S88	US-PGPUB; USPAT	ADJ	ON	2007/09/04 12:10
S98	410	segment synchronization	US-PGPUB; USPAT	ADJ	ON	2007/09/05 08:40
S99	4049625	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/09/05 08:40
S100	231	segment synchronization and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/05 09:11
S101	31	detect with segment synchronization and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/05 11:45
S102	620	detect with frame synchronization and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/05 11:46
S103	41	detect with field synchronization and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/05 15:02
S104	17	frame synchronization with segment synchronization and S99	US-PGPUB; USPAT	ADJ	ON	2007/09/05 11:47
S105	4049625	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/09/05 15:02
S106	44	(segment or field) synchronization same error and S105 not correct	US-PGPUB; USPAT	ADJ	ON	2007/09/06 10:19
S107	7	(segment or field) synchronization same error and S105 not correct\$4	US-PGPUB; USPAT	ADJ	ON	2007/09/05 15:06
S109	359	(segment or field) synchronization same receiv\$4 and S105	US-PGPUB; USPAT	ADJ	ON	2007/09/05 15:09
S110	8	(segment or field) synchronization same fail\$3 and S105	US-PGPUB; USPAT	ADJ	ON	2007/09/05 15:15
S111	9	(segment or field) synchronization with cannot and S105	US-PGPUB; USPAT	ADJ	ON	2007/09/05 15:16

## EAST Search History

S11 2	4049643	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/09/06 10:19
S11 3	175	(segment or field) synchronization same error and S112	US-PGPUB; USPAT	ADJ	ON	2007/09/06 10:20
S11 4	44	(segment or field) synchronization same error and S112 not correct	US-PGPUB; USPAT	ADJ	ON	2007/09/06 10:20
S11 5	131	(segment or field) synchronization same error and S112 not S114	US-PGPUB; USPAT	ADJ	ON	2007/09/06 10:20
S11 6	75	display available channels	US-PGPUB; USPAT	ADJ	ON	2007/09/06 17:54
S11 7	4049643	@ad<"20021127"	US-PGPUB; USPAT	ADJ	ON	2007/09/06 17:54
S11 8	50	S116 and S117	US-PGPUB; USPAT	ADJ	ON	2007/09/10 10:19